

ABSTRACT:

5 A method of segmenting a selected region from a multi-dimensional dataset, which method comprises the steps of setting up a shape model representing the general outline of the selected region and setting up an adaptive mesh. The adaptive mesh represents an approximate contour of the selected region. The adaptive mesh is initialized on the basis of the shape model. Furthermore, the adaptive mesh is deformed in dependence on the shape model and on feature information of the selected region.